

Application No. 09/683,238

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~In a system for enriching content of a document using personalities that identify enrichment themes with at least one tag located proximate to a physical object and encoded with a personality identifier that is associated with a personality in a database of personalities, a~~ A method for enriching document content [[documents]], comprising:

~~recording [[the]] a digitally readable identifier of a personality identifier from the tag located proximate to the physical object;~~

recording context information when the personality identifier is recorded;

identifying document content using the recorded context information;

associating the personality identifier with a personality in a database of personalities [[the identified document content]]; ~~the identified document content]];~~

enriching the identified document content with the associated personality ~~that defines a set of document service requests identifying enrichment themes identified by the personality identifier;~~ and

making the enriched document content available;

wherein said enriching recognizes and annotates entities in the identified document content related to the associated personality.

2. (Original) The method according to claim 1, further comprising transmitting the recorded personality identifier and context information to a meta-document server; wherein the meta-document server identifies the document content, associates the identified document content with the personality identifier, and enriches the document content.

Application No. 09/683,238

3. (Original) The method according to claim 2, wherein the meta-document server upon identification of the document content:

associates the personality identifier with identified document content;

recognizes, with at least a first method, an entity in the document content;

accesses, with at least a second method, a document service using the recognized entity;

annotates the identified document content with output from the document service to define enriched document content; and

makes the enriched document content available to a set of one or more users.

4. (Currently Amended) The method according to claim 1, wherein said recording records the digitally readable identifier from an electronic tag with an electronic tag reader further comprising recording the personality identifier from the tag with a tag reader; wherein said encoding encodes the personality identifier in an electronic tag.

5. (Currently Amended) The method according to claim 1, wherein said recording records the digitally readable identifier from embedded data recorded on a hardcopy document with a scanner the personality identifier is encoded in embedded data of a hardcopy document.

6. (Currently Amended) The method according to claim 1, wherein the digitally readable identifier the personality identifier is recorded with a mobile computing device that transmits document tokens with the personality identifier to the meta-document server.

7. (Currently Amended) The method according to claim 1, wherein the recognized entities in the identified document content are annotated differently depending on what time of year the personality identifier is recorded 6, wherein the

Application No. 09/683,238

mobile computing device is adapted to transmit document tokens with the personality identifier to the meta-document server.

8. (Original) The method according to claim 1, wherein the recorded context information is one of position information and time information.

9. (Currently Amended) The method according to claim 8, wherein the recorded context information is one of a timestamp that records when the recording took place and a position identifier that identifies a position of [[the]] a physical object.

10. (Original) The method according to claim 1, further comprising providing notification that the enriched document content is available.

11. (Currently Amended) A system for enriching document content of a document using personalities that identify enrichment themes, the system comprising:

a digitally readable identifier of a personality identifier [[for identifying a personality in a database of personalities]];

a tag for encoding the personality identifier, the tag being located proximate to a physical object;

a [[tag]] reader for recording the personality identifier [[from the tag]]; the reader recording context information when the personality identifier is recorded and identifying document content using the recorded context information;

a meta-document server for receiving the recorded personality identifier, associating the personality identifier with a personality in a database of personalities the identified document content, enriching the identified document content with the associated personality that defines a set of document service requests identifying enrichment themes identified by the personality identifier, and making the enriched document content available;

Application No. 09/633,238

wherein the meta-document server recognizes and annotates entities in the identified document content related to the associated personality.

12. (Currently Amended) The system according to claim 11, wherein ~~the~~ [[tag]] reader is an electronic tag reader that records the digitally readable identifier from an electronic tag configured to read a digitally readable electronic tag.

13. (Currently Amended) The system according to claim 11, wherein ~~the~~ reader is a scanner that records the digitally readable identifier from embedded data recorded on a hardcopy document ~~the tag is embedded data of a hardcopy document and the tag reader is a scanner configured to read the embedded data.~~

14. (Currently Amended) The system according to claim 11, wherein ~~the~~ [[tag]] reader is a mobile computing device that transmits document tokens with the personality identifier to the meta-document server.

15. (Currently Amended) The system according to claim 14, wherein ~~the~~ recognized entities in the identified document content are annotated differently depending on what time of year the personality identifier is recorded ~~the mobile computing device is adapted to transmit document tokens with the personality identifier.~~

16. (Currently Amended) The system according to claim 17 [[11]], wherein ~~the recorded context information is one of a timestamp that records when the recording took place and a position identifier that identifies a position of a physical object~~ ~~the tag reader records context information for identifying document content.~~

17. (Currently Amended) The system according to claim 11 [[16]], wherein the recorded context information is one of position information and time information.

Application No. 09/683,238

18. (Currently Amended) The system according to claim 14 [[16]], wherein the mobile computing device identifies position coordinates where the personality identifier is recorded; and wherein the meta-document server locates the identified document content using the position coordinates of the mobile computing device.

Claims 19 – 20 (Canceled).

Please add the following claims:

21. (New) An article of manufacture for enriching document content, the article of manufacture comprising computer usable media including computer readable instructions embedded therein that causes a computer to perform a method, wherein the method comprises:

recording a digitally readable identifier of a personality identifier;

recording context information when the personality identifier is recorded;

identifying document content using the recorded context information;

associating the personality identifier with a personality in a database of personalities;

enriching the identified document content with the associated personality that defines a set of document service requests identifying enrichment themes; and

making the enriched document content available;

wherein said enriching recognizes and annotates entities in the identified document content related to the associated personality.

22. (New) The article of manufacture according to claim 21, wherein the method further comprises:

transmitting the recorded personality identifier and context information to a meta-document server;

wherein the meta-document server identifies the document content, associates the identified document content with the personality identifier, and

Application No. 09/683,238

enriches the document content.

wherein the meta-document server upon identification of the document content:

associates the personality identifier with identified document content;

recognizes, with at least a first method, an entity in the document content;

accesses, with at least a second method, a document service using the recognized entity;

annotates the identified document content with output from the document service to define enriched document content; and

makes the enriched document content available to a set of one or more users.